



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE

United States Patent and Trademark Office

Address: COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, Virginia 22313-1450

www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/535,498	05/18/2005	Rahul K Dharmadhikary	AWL-223-2002	3901
44702	7590	08/07/2007		
OSTRAGER CHONG FLAHERTY & BROITMAN PC			EXAMINER	
570 LEXINGTON AVENUE			SALVATORE, LYNDIA	
FLOOR 17				
NEW YORK, NY 10022-6894			ART UNIT	PAPER NUMBER
			1771	
			MAIL DATE	DELIVERY MODE
			08/07/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/535,498

Applicant(s)

DHARMADHIKARY ET AL.

Examiner

Lynda M. Salvatore

Art Unit

1771

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 May 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1.6-12, 16-25 and 29-32 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1.6-12, 16-25 and 29-32 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/06)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

1. Applicant's amendment and accompanying remarks filed 5/11/07 have been fully considered and entered. Claims 1,6,9-12,21-23,25 and 32 have been amended and claims 2-5,13-15 and 26-28 have been canceled. Applicant's amendments are sufficient to overcome the anticipation and obviousness rejections set forth in sections 2-5 of the last Office Action dated 2/15/07. As such, these rejections are hereby withdrawn. However, upon further consideration the following new ground of rejection is set forth herein below.

Claim Rejections - 35 USC § 103

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
3. Claims 1-3, 6-12,16-25 and 29-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Griesbach, III et al., US 2004/0123939 A1 in view of Morman et al., US 2004/0091752.

The published patent application issued to Griesbach et al., teaches a non-woven film laminate having barrier properties (title and abstract). Said laminate resists penetration by liquids and viruses (abstract). Griesbach et al., teach joining a spun-bonded non-woven layer having a basis weight ranging from 20-60 gsm to a multi-layer film (section 0046, 0064 and 0050). Said fabric layer is made with polyethylene or polypropylene (section 0059). Said multi-layer film comprises a core layer comprising blends of polypropylenes and two skin layers comprising blends of polyolefins, ethylene acrylic acid etc. (sections 0050-0053). Said film

Art Unit: 1771

layers have a basis weight less than 20 gsm (section 0074). Griesbach et al., teach positioning the multi-layer film between two outer non-woven layers (section 0046).

With regard to the adhesively laminated limitations, Griesbach et al., teach that it is known in the art to use an adhesive to join the non-woven layer to the film (section 0012). Griesbach et al., does not teach the claimed amount of adhesive, however, it is the position of the Examiner that it would be obvious to one of ordinary skill in the art at the time the invention was made to optimize the amount of dry adhesive as a function of adhesiveness. It has been held that discovering an optimum value of a result effective variable involves only routine skill in the art. *In re Boesch*, 617 F. 2d 272, 205 USPQ 215 (CCPA 1980)

With regard to the coextruded limitation, Griesbach et al., teach that the multi-layer film is coextruded (section 0070).

Griesbach et al., fails to teach a barrier layer comprising low density polyethylene, however, the patent issued to Morman et al., teach a film comprising either linear low density polyethylene or low density polyethylene (section 0044). Said film is employed in a laminate structure where liquid impermeability properties are desired (abstract). It appears that the polyolefins employed by Griesbach et al., are functionally equivalent to the low density polyethylene polymers of Morman for the desired use of forming an impermeable film.

Therefore, absent unexpected results, it is the position of the Examiner that it would be obvious to one having ordinary skill in the art at the time the invention was made to select a known equivalent polyolefin material as a function of availability, cost of ease of production.

With regard to the limitations pertaining to the high peel strength, improved barrier properties, being ethylene oxide sterilizable and high wet peel strength not being diminished but

Art Unit: 1771

enhanced on aging of the composite, it is the position of the Examiner that the composite provided by the combination of Griesbach et al., in view of Morman would exhibit the claimed properties. Support for said presumption is found in the use of like materials and processes used to form a composite laminate for the intended barrier purposes. Applicant is invited to claim otherwise.

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lynda M. Salvatore whose telephone number is 571-272-1482. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Terrel Morris can be reached on 571-272-1478. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

August 6, 2007
/Lynda Salvatore/
Primary Examiner
Art Unit 1771

